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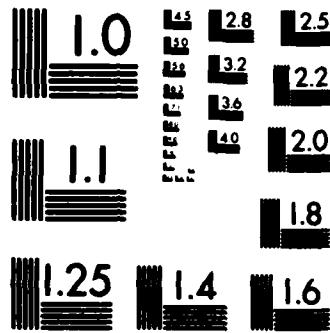
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ONRL Report

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AGARD--The NATO Advisory Group for Aerospace
Research and Development

CDR Dennis R. Sadowski

18 August 1987

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AGARD--THE NATO ADVISORY GROUP FOR AEROSPACE RESEARCH AND DEVELOPMENT

In February 1951 Dr. Theodore von Kármán, then Chairman of the United States Air Force Scientific Advisory Board, organized and chaired a conference of NATO Aeronautical Research Directors in Washington, D.C. At this conference it was unanimously agreed that for the mutual advantage of NATO Member-Nations, there was an urgent need to mobilize their scientific and technical skills, manpower, and facilities. To this end it was agreed that an organization called the Advisory Group for Aerospace Research and Development should be formed.

Subsequently its name was changed to AGARD, and in 1966 AGARD became an Agency of the North Atlantic Military Committee, which approved the Charter under which AGARD operates.

AGARD Mission

The mission of AGARD is to bring together the leading personalities of the NATO Member-Nations in the fields of sciences and technology relating to aerospace for the following purposes:

- o Recommending effective ways for the member nations to use their research and development capabilities for the common benefit of the NATO community
- o Providing scientific and technical advice and assistance to the Military Committee in the field of aerospace research and development (with particular regard to its military application)
- o Continuously stimulating advances in the aerospace sciences relevant to strengthening the common defense posture
- o Improving cooperation among member nations in aerospace research and development
- o Exchanging of scientific/technical information
- o Providing assistance to member nations for the purpose of increasing their scientific and technical potential
- o Rendering scientific and technical assistance, as requested, to other

NATO bodies and to member nations in connection with research and development problems in the aerospace field.

Organization

AGARD is organized around three main elements:

- o The National Delegates Board (the governing body), assisted by a Steering Committee and an Advisory Committee
- o The AGARD staff (the executive body of the Agency)
- o The Scientific and Technical Panels and the Aerospace Applications Studies Committee, which together constitute the expert bodies of the Agency.

These elements carry out the AGARD mission through a number of differentiated and specialized activities, including:

- o Panel programs of conferences, symposia, and specialists' meetings, and meetings of subcommittees and working groups
- o Consultant and exchange programs under which individual consultants are provided to NATO member-nations (lecture series are organized and personnel exchanges and contacts arranged)
- o A program of Military Committee Studies, consisting of aerospace applications and technology studies initiated at the request of the NATO Military Committee
- o A publications program resulting from the above activities or initiated by them
- o A program of support to the Southern Flank nations (Greece, Portugal and Turkey).

NATO funds provide for AGARD's logistic and staff support, for consultants, and for the preparation and printing of AGARD publications; NATO funds also provide for a limited number of officers on the staff of AGARD's activities; these officers are derived directly from the member-nations, who make available their own nationals to serve as members of panels, committees, subcommittees

and working groups, assign national officers and officials to the AGARD staff, and act as hosts to AGARD meetings. The AGARD headquarters building is located in Neuilly sur Seine near Paris.

AGARD Panels

There are nine AGARD Panels composed of a total of about 400 members, who are experts actively engaged in research, development or management in academic institutions, government establishments, or industrial enterprises related to the aerospace field. Panel members are appointed by their respective National Delegates, normally for a term of 3 years.

Each Panel defines a program of meeting and publications in its own specialty, within the general constraints of AGARD policy as determined by the National Delegates Board. Panel members are responsible for enlisting the neces-

sary support and participation from their own countries.

The panels are:

- o Aerospace Medical
- o Avionics
- o Electromagnetic Wave Propagation
- o Flight Mechanics
- o Fluid Dynamics
- o Guidance and Control
- o Propulsion and Energetics
- o Structural and Materials
- o Technical Information.

Information

Personnel from ONRL attend many of the AGARD activities and report on time events through ONRL publications. For further information, contact CDR Dennis R. Sadowski, USN, Aerospace Systems Officer, ONR London, Box 39, FPO New York, 09510.

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